

## EAST Search History

| Ref # | Hits  | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|----------|------------------|---------|------------------|
| S1    | 58897 | ((image adj read\$5) or scanner or scan\$4).dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:02 |
| S2    | 33761 | illuminat\$6.dlm.  | US-PGPUB | OR               | ON      | 2008/08/12 16:03 |
| S3    | 50373 | (original\$4 or document\$3).dlm.  | US-PGPUB | OR               | ON      | 2008/08/12 16:04 |
| S4    | 53771 | (light\$3 with source\$3).dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:05 |
| S5    | 87758 | (reflect\$6).dlm.  | US-PGPUB | OR               | ON      | 2008/08/12 16:06 |
| S6    | 197   | S1 and S2 and S3 and S4 and S5   | US-PGPUB | OR               | ON      | 2008/08/12 16:06 |
| S7    | 9957  | asymmetric\$6.dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:08 |
| S8    | 2     | S6 and S7  | US-PGPUB | OR               | ON      | 2008/08/12 16:08 |
| S9    | 18704 | (optical\$5 with axis\$5).dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:09 |
| S10   | 901   | (specul\$6 with reflect\$6).dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:10 |
| S11   | 2     | S8 and S9  | US-PGPUB | OR               | ON      | 2008/08/12 16:10 |
| S12   | 0     | S8 and S9 and S10  | US-PGPUB | OR               | ON      | 2008/08/12 16:11 |
| S13   | 82    | S10 and S9   | US-PGPUB | OR               | ON      | 2008/08/12 16:11 |
| S14   | 2     | S10 and S9 and S7  | US-PGPUB | OR               | ON      | 2008/08/12 16:11 |
| S15   | 0     | S10 and S9 and S7 and S1   | US-PGPUB | OR               | ON      | 2008/08/12 16:12 |
| S16   | 21    | (specul\$5 and reflect\$5 and asymmetric\$6).dlm.  | US-PGPUB | OR               | ON      | 2008/08/12 16:13 |
| S17   | 10    | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5).dlm.   | US-PGPUB | OR               | ON      | 2008/08/12 16:13 |
| S18   | 10    | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5 and light\$5).dlm.                              | US-PGPUB | OR               | ON      | 2008/08/12 16:13 |
| S19   | 6     | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5 and light\$5 and illuminat\$6).dlm.             | US-PGPUB | OR               | ON      | 2008/08/12 16:14 |
| S20   | 3     | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5 and axis\$5 and light\$5 and illuminat\$6).dlm. | US-PGPUB | OR               | ON      | 2008/08/12 16:14 |

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| S21 | 0     | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5 and axis\$5 and light\$5 and illuminat\$6 and original\$5).dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:14 |
| S22 | 3     | (specul\$5 and reflect\$5 and asymmetric\$6 and optical\$5 and axis\$5 and light\$5 and illuminat\$6 and image).dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:14 |
| S23 | 0     | (relective and asymmetricly).dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:16 |
| S24 | 0     | (relect\$5 and asymmetric\$6).dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:16 |
| S25 | 4206  | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6).dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:17 |
| S26 | 508   | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3).dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:17 |
| S27 | 296   | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:18 |
| S28 | 197   | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:19 |
| S29 | 51    | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) and (optical\$5 with axis\$5) dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:19 |
| S30 | 2     | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) and (optical\$5 with axis\$5) and (asymmetric\$6) dm.                                 | US-PGPUB  | OR | ON  | 2008/08/12<br>16:20 |
| S31 | 69    | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (specul\$6 with reflect\$6) dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:21 |
| S32 | 1     | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (specul\$6 with reflect\$6) dm.  | US-PGPUB  | OR | ON  | 2008/08/12<br>16:22 |
| S33 | 0     | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) and (optical\$5 with axis\$5) and (asymmetric\$6) and (specul\$6 with reflect\$6) dm. | US-PGPUB  | OR | ON  | 2008/08/12<br>16:22 |
| S34 | 4     | ((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (specul\$6 and reflect\$6) dm.   | US-PGPUB  | OR | ON  | 2008/08/12<br>16:23 |
| S35 | 17656 | (358/509,474,1,1,1,1,6,1,7,1,9,510,475,480,484,486,493,494,496,497,491,489,487).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/12<br>16:26 |
| S36 | 509   | (399/4,7,361,363,365).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/12<br>16:26 |
| S37 | 1390  | (358/505,506,488).CQLS.  | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/12<br>16:26 |

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| S38 | 18802 | S35 or S36 or S37 | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:27 |
| S39 | 52    | S38 and S6        | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:28 |
| S40 | 7     | S38 and S10       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:28 |
| S41 | 0     | S38 and S13       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:31 |
| S42 | 0     | S38 and S16       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:31 |
| S43 | 261   | S38 and S25       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:31 |
| S44 | 149   | S38 and S26       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:31 |
| S45 | 93    | S38 and S27       | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:32 |

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| S46 | 52 | S38 and S28   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:32 |
| S47 | 3  | S38 and S29   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:32 |
| S48 | 2  | S38 and S31   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:32 |
| S49 | 14 | (Nobumasa\$ near9 Fukuzawa\$).in.   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:34 |
| S50 | 14 | S49 and (((image adj read\$5) or scanner or scan\$4)  | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:35 |
| S51 | 3  | S49 and (((image adj read\$5) or scanner or scan\$4) and (illuminat\$6))  | US-PGPUB  | OR | ON | 2008/08/12<br>16:36 |
| S52 | 11 | S49 and (((image adj read\$5) or scanner or scan\$4) and (illuminat\$6))  | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:36 |
| S53 | 8  | (((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3)) and S49 | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:37 |
| S54 | 10 | (((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3)) and S49                               | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:38 |

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| S55 | 8 | (((((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6)) and S49   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:39 |
| S56 | 4 | (((((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) and (optical\$5 with axis\$5)) and S49                     | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:40 |
| S57 | 1 | (((((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (original\$4 or document\$3) and (light\$3 with source\$3) and (reflect\$6) and (optical\$5 with axis\$5) and (asymmetric\$6)) and S49 | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:40 |
| S58 | 1 | (((((image adj read\$5) or scanner or scan\$4) and (illuminat\$6) and (specul\$6 with reflect\$6)) and S49   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:42 |
| S59 | 1 | (specul\$5 and reflect\$5 and asymmetric\$6) and S49   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:43 |
| S60 | 1 | (specul\$5 and reflect\$5) and S49   | US-PGPUB;<br>USPAT;<br>USOCR, FPRS;<br>EPO, JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/08/12<br>16:44 |

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